Ministry of
Northern Development
and Mines

Ontario

ONTARIO GEOLOGICAL SURVEY

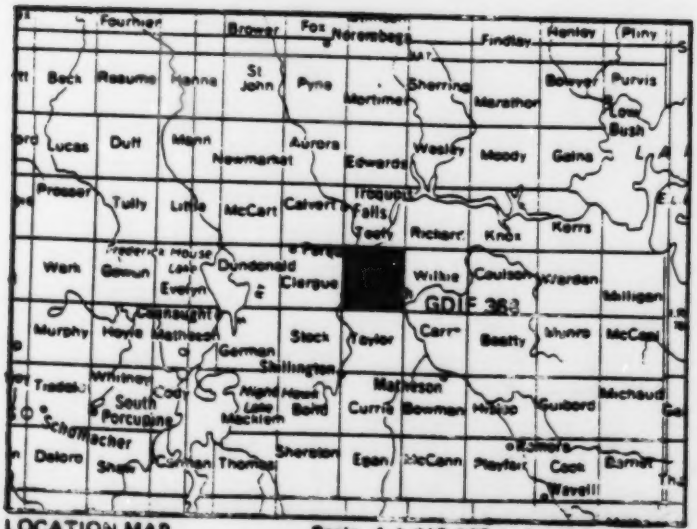
GEOLOGICAL DATA INVENTORY FOLIO

GDIF 368

WALKER TOWNSHIP

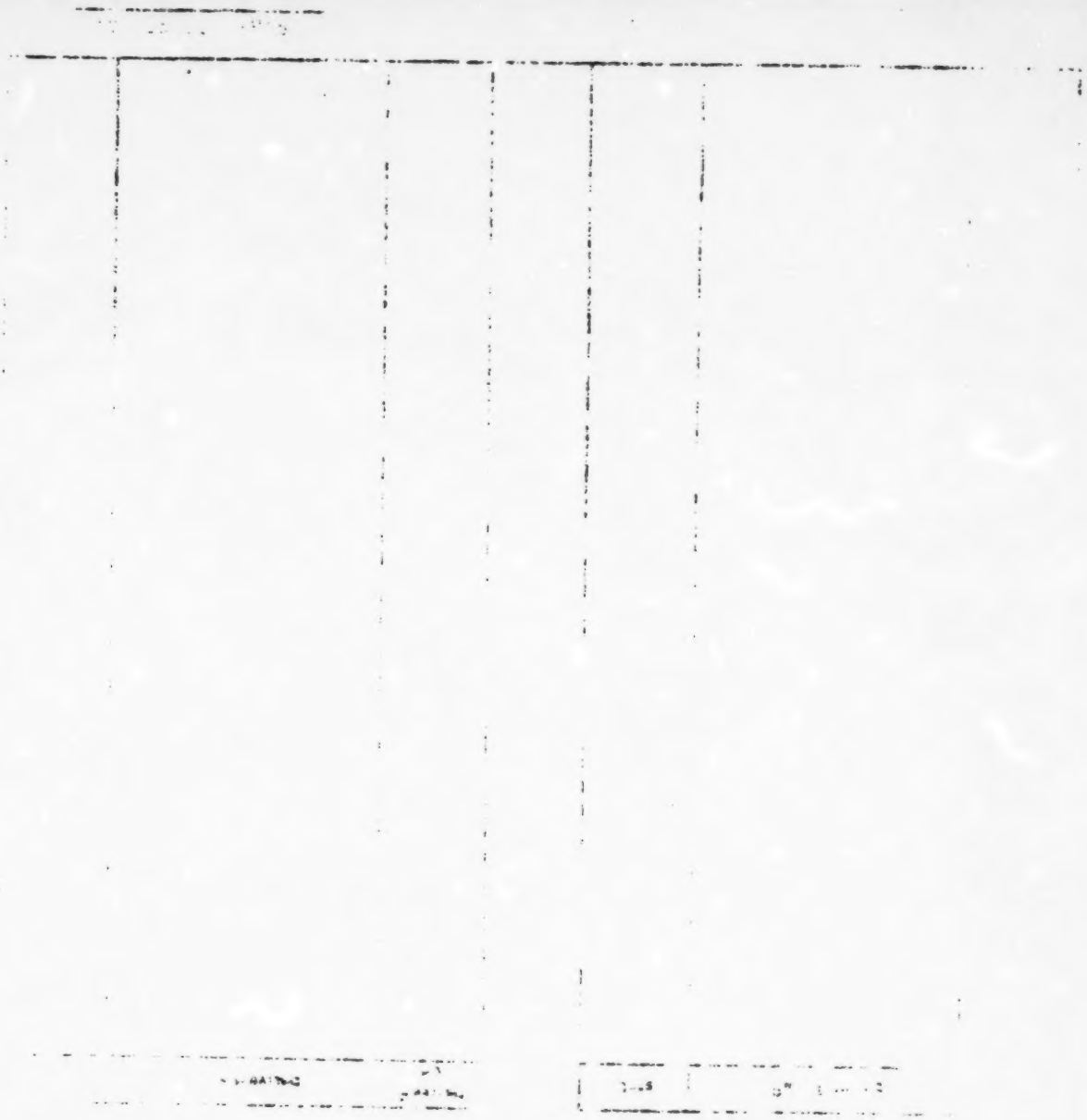
DISTRICT OF COCHRANE

Compiled by the Staff of
the Residents Geologist's Office
Kirkland Lake



LOCATION MAP

Scale: 1:1 013 760 or 1 inch to 16 miles



NTS Number 42A/10

93-00447/

Mining Claim Map Number

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STATEMENT: This inventory is unedited. Discrepancies may occur for which the Ontario Geological Survey does not assume liability. Information from this source may be quoted if credit is given. Reference to this inventory should be made as follows:

Ontario Geological Survey
1987: Walker Township, District of Cochrane: Ontario Geological Survey, Geological Data Inventory Folio 368 compiled by the staff of the Resident Geologist's Office, Kirkland Lake, 27 p, and 2 maps.

Original Compilation by: K.D. Kalicnarran, Dave Mimeaux, F.M. Boucher, and P.E. Savarie. February 5, 1987.

Date	Page Revised	Revised by

Date	Page Revised	Revised by

TABLE OF CONTENTS

Data Sources Checklist 1
Metals and Minerals Reference List 2
Mineral Occurrences 3
Type of Work 4
Drill Hole Summary 6
Airborne Geophysical Survey Data 8
Geochemical Survey Data 9
Miscellaneous Data 10
Newspaper Clipping File 11
ODM General Index Search 12
Selected References 14
Notes and Addenda 26

ACCOMPANYING MAPS

Property Location Map 1
Exploration Data Map 1
Map Scale 1: 31 680 or 1 inch to ½ mile

CONVERSION FACTORS FOR MEASUREMENTS IN ONTARIO GEOLOGICAL SURVEY PUBLICATIONS

If the reader wishes to convert imperial units to SI (metric) units or SI units to imperial units the following multipliers should be used:

CONVERSION FROM SI TO IMPERIAL			CONVERSION FROM IMPERIAL TO SI		
SI Unit	*Multiplied by*	*Gives*	*Imperial Unit*	*Multiplied by*	*Gives*
			LENGTH		
1 mm	0.039 37	inches	1 inch	**25.4**	mm
1 cm	0.393 70	inches	1 inch	**2.54**	cm
1 m	3.280 84	feet	1 foot	**0.304 8**	m
1 m	0.049 709 7	chains	1 chain	20.116 8	m
1 km	0.621 371	miles (statute)	1 mile (statute)	**1.609 344**	km
			AREA		
1 cm^2	0.155 0	square inches	1 square inch	**6.451 6**	cm^2
1 m^2	10.763 9	square feet	1 square foot	**0.092 903 04**	m^2
1 km^2	0.386 10	square miles	1 square mile	2.589 988	km^2
1 ha	2.471 054	acres	1 acre	0.404 685 6	ha
			VOLUME		
1 cm^3	0.061 02	cubic inches	1 cubic inch	**16.387 064**	cm^3
1 m^3	35.314 7	cubic feet	1 cubic foot	0.028 316 85	m^3
1 m^3	1.308 0	cubic yards	1 cubic yard	0.764 555	m^3
			CAPACITY		
1 L	1.759 755	pints	1 pint	0.568 261	L
1 L	0.879 877	quarts	1 quart	1.136 522	L
1 L	0.219 969	gallons	1 gallon	**4.546 090**	L
			MASS		
1 g	0.035 273 96	ounces (avdp)	1 ounce (avdp)	28.349 523	g
1 g	0.032 150 75	ounces (troy)	1 ounce (troy)	**31.103 476 8**	g
1 kg	2.204 62	pounds (avdp)	1 pound (avdp)	**0.453 592 37**	kg
1 kg	0.001 102 3	tons (short)	1 ton (short)	**907.184 74**	kg
1 t	1.102 311	tons (short)	1 ton (short)	**0.907 184 74**	t
1 kg	0.000 984 21	tons (long)	1 ton (long)	**1016.046 908 8**	kg
1 t	0.984 206 5	tons (long)	1 ton (long)	**1.016 046 908 8**	t
			CONCENTRATION		
1 g/t	0.029 166 6	ounce (troy)/ ton (short)	1 ounce (troy)/ ton (short)	34.285 714 2	g/t
1 g/t	0.583 333 33	pennyweights/ ton (short)	1 pennyweight/ ton (short)	1.714 285 7	g/t

OTHER USEFUL CONVERSION FACTORS

1 ounce (troy)/ton (short)	20.0	pennyweights/ton (short)
1 pennyweight/ton (short)	0.05	ounce (troy)/ton (short)

One gram(g) per tonne is equivalent to one part per million (1 ppm).

NOTE–Conversion factors which are in bold type are exact. The conversion factors have been taken from or have been derived from factors given in the Metric Practice Guide for the Canadian Mining and Metallurgical Industries published by The Mining Association of Canada in co-operation with the Coal Association of Canada.

DATA SOURCES CHECK LIST

NOTE: The following sources have been searched to compile the data for this area. If no reference data was found the appropriate box is marked 'no'; if reference data was found, the box is marked 'yes'.

All reference data found are included in the following pages. If the box is blank, the data source has not yet been searched. If the box is marked N.A., the source item is Not Applicable to this area and therefore not searched.

	SOURCES OF DATA	Data	Initial
1	Resident Geologist's Office Files	YES	K.D.K.
2	Assessment Files Research Office, Toronto	YES	K.D.K.
3	ODM General Index; 9 volumes	YES	K.D.K.
4	Catalogue of Airborne Geophysical Surveys (ODM)	NO	K.D.K.
5	ODM Mineral Resources Circulars and OGS Mineral Deposits Circulars	NO	K.D.K.
6	ODM Industrial Mineral Reports	NO	K.D.K.
7	Bibliography of Post Precambrian Theses - Karrow (ODM MP 1)	NO	K.D.K.
8	Bibliography of Precambrian Theses - Ginn (ODM MP 2)	NO	K.D.K.
9	Newspaper Clippings File	YES	K.D.K.
10	GSC Index to Publications	NO	K.D.K.
11	OGS Index to Published Maps and Reports - MP 77 and Supplements to MP 77	YES	K.D.K.
12	OGS Index Maps	YES	K.D.K.
13	Source Mineral Deposit Records (O.G.S.)	YES	K.D.K.
14	Author - Subject Articles File	YES	K.D.K.
15	Miscellaneous Papers: ODM & OGS	YES	K.D.K.
16	ODM Geological Circulars: OGS Study Series	YES	K.D.K.
17	ODM Preliminary Reports: ODM Bulletins	YES	K.D.K.
18	ODM – OGS Open File Reports	YES	K.D.K.
19	OGS Northern Ontario Engineering Geology Terrain Studies	YES	K.D.K.
20	OGS Aggregate Resources Inventory Papers	NO	K.D.K.
21	OGS Mineral Potential Maps	NO	K.D.K.

METALS AND MINERALS REFERENCES LIST

△ anh. . . . . .Anhydrite
△ ank. . . . . .Ankerite
△ anna. . . . . Annabergite
△ ap. . . . . .Apatite
△ arg . . . . . Argentite
△ As . . . . . .Arsenic
▲ asp . . . . . .Arsenopyrite
△ asb . . . . . .Asbestos
△ ba. . . . . .Barite
△ be. . . . . .Beryl
△ Bi. . . . . .Bismuth
△ bn . . . . . .Bornite
△ bran . . . . . .Brannerite
△ bruc . . . . . .Brucite
△ Cd . . . . . .Cadmium
▲ calc. . . . . .Calcite
△ carb . . . . . .Carbonate
△ cel . . . . . .Celestite
△ cc. . . . . .Chalcocite
▲ cp. . . . . .Chalcopyrite
△ ch. . . . . .Chert
△ clay . . . . . .Clay
△ Co . . . . . .Cobalt
△ cob. . . . . Cobaltite
△ cb. . . . . .Columbite
▲ Cu . . . . . .Copper
△ cor . . . . . Corundum
△ dol . . . . . Dolomite
▲ ep. . . . . Epidote
△ ery . . . . . Erythrite
△ fel . . . . . .Feldspar
△ fl . . . . . .Fluorite (fluorspar)
▲ fu. . . . . .Fuchsite
△ gn. . . . . Galena
△ gt. . . . . Garnet
△ goe . . . . . .Goethite
▲ Au . . . . . Gold
▲ gf. . . . . .Graphite
△ gl . . . . . Gravel
△ gyp. . . . . .Gypsum
▲ hem . . . . . Hematite
△ il . . . . . Ilmenite
△ Fe . . . . . .Iron
△ IF. . . . . Iron Formation
△ jas . . . . . Jasper
△ kaol . . . . . .Kaolinite (kaolin)
△ ky . . . . . Kyanite
▲ Pb . . . . . Lead
△ lim . . . . . Limonite
△ Li. . . . . Lithium
△ mgst . . . . . .Magnesite
△ mag . . . . . .Magnetite
△ mc . . . . . .Malachite
△ Mn . . . . . Manganese
△ mb . . . . . .Marble
△ mar. . . . . Marcasite
△ ma . . . . . .Marl
△ mi . . . . . Mica
△ ml . . . . . Millerite
△ mo . . . . . .Molybdenite
△ Mo . . . . . .Molybdenum
△ mon . . . . . Monazite
△ ne. . . . . Nephelite (nepheline)
▲ nc. . . . . .Niccolite
▲ Ni. . . . . Nickel
△ Nb . . . . . .Niobium
△ Pd . . . . . .Palladium
△ peat . . . . . .Peat
△ pent . . . . . .Pentlandite
△ Pt. . . . . .Platinum
▲ py . . . . . .Pyrite
△ pyl . . . . . Pyrochlore
△ pyrl . . . . . .Pyrolusite
▲ po . . . . . .Pyrrhotite
▲ q . . . . . Quartz
▲ qcv. . . . .Quartz carbonate vein
△ ra. . . . . .Radioactive minerals
△ RE . . . . . .Rare Earths
△ sd. . . . . Sand
△ sgl . . . . . Sand and gravel
△ ss . . . . . .Sandstone
△ scap . . . . . Scapolite
△ shee . . . . . .Scheelite
▲ serp . . . . . Serpentine
△ sh. . . . . Shale
△ sid . . . . . Siderite
△ si . . . . . Silica
▲ Ag . . . . . .Silver
△ sl . . . . . Slate
△ sm . . . . . .Smaltite
△ sod . . . . . Sodalite
△ spec . . . . . Specularite
▲ sp. . . . . .Sphalerite
△ spd . . . . . .Spodumene
△ staur . . . . . .Staurolite
△ stib. . . . . Stibnite
△ st . . . . . .Stone
△ talc. . . . . .Talc
△ Te . . . . . .Tellurium
△ td. . . . . Tetrahedrite
△ th. . . . . .Thorite
△ Th . . . . . .Thorium
△ thuc . . . . . Thucholite
△ ti . . . . . Titanite
▲ Ti. . . . . Titanium
▲ tour . . . . . .Tourmaline
△ trap . . . . . Trap rock
△ W. . . . . Tungsten
△ uran . . . . . Uraninite
△ U . . . . . .Uranium
△ verm . . . . . .Vermiculite
△ Y . . . . . Yttrium
▲ Zn . . . . . .Zinc
△ zr . . . . . Zircon

▲ax. . . . . .axinite

Solid triangles indicate metal and mineral occurrences shown on the accompanying maps, or mentioned within Drillhole Summary or Mineral Occurrences.

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
A	Monpre Mining Corp., Ltd.	Au	-	Resident Geologist Assessment Files, Kirkland Lake	0.01oz/t Au over 0.5 feet of andesite containing quartz with pyrite (DDH #1)
B	Surveymin Ltd.	Au	-	Resident Geologist Assessment Files, Kirkland Lake	2.5 feet of basalt flow with quartz carbonate veins and minor chlorite contains 70 PPB Au
C	Argus	Cu,Zn,Ag, Ni,Pb	C0126	AFRO 1979, Walker Tp. DHR 12	-
D	Silver Foam Occurrence	Au	-	ODM Map P.103, Walker OBM 1919,vol.28,pt.2 63p.	"Quartz-carbonate-epidote-axinite veins are weakly mineralized with pyrite. A vertical shaft of 60' on an incline shaft to 60'"

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE KIRKLAND LAKE		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
COMPANY/AUTHOR (file number)																				
1	Amax Minerals Exploration "Walker 1"	81			82															
2	Amax Minerals Exploration "Walker 2"	81																		
3	Bell, D.R. & Mulliette, M.R.P.											74	74							
4	Canamax Resources Inc. "Pipestone Project"								84	84										
5	Canamax Resources Inc. "Walker 3"	85																		
6	Canamax Resources Inc. "Walker 6"	85			86															
7	Carlson, Hugh Douglas				81															
8	Cosby, M.S.											85	85							
9	Dominion Gulf Company "Walker 1"	54										54								
10	Dominion Gulf Company "Walker-Wilkie 1"											54								

WALKER TOWNSHIP

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE KIRKLAND LAKE COMPANY/AUTHOR (file number)		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
11	Errington-Hogarth-Quinn	38																		
12	Falconbridge Nickel Mines Ltd. "T. Bell Property"	81	81									80	82							
13	Golden Grail Mineral Exploration Corp.				85							83		83						
14	Monpre Mining Company, Ltd.	65			64 65			64					64							
15	Montclerg Gold Mines, Ltd.	43																		
16	Noranda Exploration Ltd. "Wilkie-Walker"				65															
17	Surveymin Ltd. "East Railway Proj."				82							80	80							
18	Surveymin Ltd. "Grid C"				82							80	80							
19	Surveymin Ltd. "Grid J"											80	80							
20	Hollinger Mines Ltd. "Walker 1"				79							79								

GDIF FORM NO. 2

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden *	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
1	Amax Minerals Exploration	1131-09-1	3/82	180°	-50°	141'	374'	py,asp,fu	
2	Carlson, Hugh Douglas	GGW-1-81	7/81	160°	-45°	80'	689'	py,po,cpy,aspy sph,qtz,gf	
3	" "	GGW-2-81	7/81	340°	-45°	154'	645'	po,py,cpy, aspy,sph	
4	" "	GGW-3-81	7/81	340°	-45°	74'	666'	-	
5	Golden Grail Mineral Exploration Corp.	1	9/85	-	-90°	62'	62'	-	
6	" "	2	9/85	-	-90°	55'	55'	-	
7	" "	3	9/85	-	-90°	95'	95'	-	
8	" "	4	9/85	-	-90°	69'	69'	-	
9	" "	5	9/85	-	-90°	65'	65'	-	
10	" "	6	9/85	-	-90°	52'	52'	-	
11	" "	7	9/85	-	-90°	59'	69'	-	
12	" "	8	9/85	-	-90°	73'	73'	-	
13	" "	9	9/85	-	-90°	65'	65'	-	
14	" "	10	9/85	-	-90°	62'	62'	-	
15	" "	11	9/85	-	-90°	62'	62'	-	

† - Core stored at Swastika Drill Core Storage Library
* - Length of overburden down drill hole

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden *	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
16	Monpre Mining Company Ltd.	1	11/64	180°	-60°	126'	398'	py,qtz	0.01oz/t Au 0.3% Cu 0.5% Zn 1.0% Ti
17	" "	2	1/65	180°	-55°	175'	406'	cp,py,qtz	Cu 0.26% Pb nil,Zn nil Au-Tr
18	" "	W-3	1/65	210°	-55°	133'	133'	Hole Abdn.	
19	" "	W3-A	2/65	180°	-55°	131'	448'	py,qtz	Au nil
20	" "	W-4	3/65	160°	-50°	277'	501'	serp	-
21	" "	5	2/65	180°	-70°	358'	358'	Hole Abdn.	-
22	Noranda Exploration Company Ltd.	3	3/65	180°	-60°	143'	512'	qtz,cal,serp cp,po	-
23	Surveymin Ltd.("East Railway Project")	ER-82-1†	5/82	155'	-60°	23'	567'	qcv,py,po,sp	470 PPB Au
24	Surveymin Ltd. "Grid C"	WR-82-1†	5/82	150°	-63°	178'	550'	py,qcv,gf,po	30 PPB Au
25	Hollinger Mines Ltd. "Walker 1"	WA1	10/79	176	-55°	150'	526'	qcv,py,cu,nc sp,tour,gf,fu	Au,Ag,Cu Pb,Zn,Ni
26	" "	WA2	10/79	176°	-55°	164'	445'	qcv,gf,py,cp	-
27	Canamax Resources Inc. ("Walker 6")	069-26-1	9/86	170°	-45°	161'	758'	po,py	

† - Core stored at Swastika Drill Core Storage Library
* - Length of overburden down drill hole

GDIF FORM NO. 1

WALKER TOWNSHIP

AIRBORNE GEOPHYSICAL SURVEY DATA

No.	By For	Type of Survey	Flight Altitude	Flight Line Direction	Flight Line Spacing
4	Aerodat Limited Canamax Resources Inc.	Electromagnetic System (Aerodat/Geonics 3) Magnetometer (Geometrics G-803)	60m	N-S	100m

GDIF FORM NO. 4

Map Sample Site Reference Number	GEOCHEMICAL SURVEY DATA		By	Reference
	Type of Survey	Analysis For		
12	Basal Till Sampling	Gold, Copper, Arsenic, Zinc	Falconbridge Nickel Mines Ltd.	Kirkland Lake Resident Geologist Office, Assessment Files

GDIF FORM NO. 5

MISCELLANEOUS DATA

AGE DATING

Site	Method	Material	Reference	Result

Aerial Photographs

Black and White scale 1:1/4 mile
scale 1:1 mile

Landsat Data scale 1:500,000

Band 3 , 9/5/83
Band 4 , 31/2/83
Bands 1+2+4 , 2/10/83
Bands 1+2+4 , 9/5/83

NEWSPAPER CLIPPINGS FILE

NOTE: A file of newspaper clippings about the companies listed below, who have worked in this area, is maintained in the Regional/Resident Geologist's Office. Kirkland Lake

Monpre

The Northern Miner	Sep 17, 1964
	Oct 04, 1968

Nahanni

The Northern Miner	Jun 17, 1982

ODM GENERAL INDEX SEARCH

Words searched:

Monteith
Silver Foam Mining Co.
Walker Township

Index Volume	Listing:	Report Volume	Part	Page
2	Walker Township			
	see Monteith			
	Monteith			
	Gold mg. near. see Silver Foam Mg. Co.			
	Waterpower	28	2	68
	Silver Foam Mining Co.			
	Development Work, Walker Tp.	28	2	63
9	Walker Tp., Coch.			
	Gravity Survey of the Timmins-Matheson area	GR 135		

ODM GENERAL INDEX SEARCH

Words searched:

Index Volume	Listing:	Report Volume	Part	Page

GDIF FORM NO. 8

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
		REGIONAL GEOLOGICAL COMPILATION MAPS		
Ayers, L.D. Lumbers, S.B. Milne, V.G. Robeson, D.W.	1970	Ontario Geological Map	ODMNA Map 2196	1:1 013 760
Ayers, L.D. Lumbers, S.B. Milne, V.G. Robeson, D.W.	1971	Ontario Geological Map, East Central Sheet	ODMNA Map 2198	1:1 013 760
Boissoneau, A.N.	1965	Algoma-Cochrane Surficial Geology, Ontario	ODL & F Map S365	1:506 880
Card, K.D. Sanford, B.V.	1983	Geology of the Timmins Map Sheet (NM-17)	GSC OF 956	1:1 000 000
Easton, R.M.	1986	Geochronology Compilation Map for Ontario: Sheet 3: East-Central Ontario, All Isotopic Systems	OGS Map P.2842	1:1 013 760
Ginn, R.M.	1964	Timmins-Kirkland Lake Sheet, Cochrane, Sudbury and Timiskaming Dists., Ont. Geol. Compilation Series	ODM Map 2046	1:253 440
Ginn, R.M. Fenwick, K.F.	1962	Iroquois Falls-Lake Abitibi Sheet, District of Cochrane	ODM Map P.140	1:126 720
Gordon, J.B.	1977	Gold Deposits of Ontario, East Central Sheet	OGS Map P.1228	1:1 013 760
Gordon, J.B.	1980	Vein Silver Deposits of Ontario, East Central Sheet	OGS Map P.2300	1:1 013 760
Guillet, G.R.	1977	Clay and Shale Deposits of Ontario	OGS Map 2358 (MDC 15)	1:200 000

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
Jost, M.	1977	Nickel Deposits of Ontario, East Central Sheet	OGS Map P.1062	1:1 013 760
Lumbers, S.B. Milne, V.G.	1979	Ontario Geological Map, Explanatory Text, Legend and Diagrams of Major Lithologies, Structures and Zones of Metamorphism	OGS Map 2391	1:1 013 760
Lumbers, S.B. Milne, V.G.	1979	Ontario Geological Map, East Central Sheet	OGS Map 2393	1:1 013 760
McCrank, G.F. Brown, P.A. Misiura, J.D.	1980	Plutonic Rocks in Ontario, with map.	GSC OF 706	
MERQ-OGS	1984	Lithostratigraphic Map of the Abitibi Subprovince	OGS Map 2484 Que Map DV83-16	1:500 000
Meyn, H.D. Howarth, J.R.	1977	Molybdenum Deposits of Ontario, East Central Sheet	OGS Map P.1246	1:1 013 760
Meyn, H.D. Robertson, J.A.	1975	Iron Deposits of Ontario, East Central Sheet, Districts of Thunder Bay, Algoma, Cochrane, Sudbury, Timiskaming and Nipissing	ODM Map P.1043	1:1 013 760
Ministry of Natural Resources	1985	Ontario Mineral Map	ODM Map 2472	1:1 584 000
Minnes, D.G. Masham, J.S. Scott, D.W. Vos, M.A. & Yundt, S.E.	1983	Industrial Minerals of Ontario	OGS Map P.2591	1:1 500 000
ODM	1969	Mining Divisions and Resident Geologists Districts	ODM Map 2189	1:1 584 000
ODM	1974	Ontario Mineral Map	ODM Map 2310	1:1 584 000

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
ODM	1977	Ontario Geology and Principal Minerals	ODM Map 2389 (Rev.)	1:4 224 000
Pyke, D.R., Ayres, L.D. Innes, D.G.	1973	Timmins - Kirkland Lake, Geological Compilation Series, Cochrane, Sudbury and Timiskaming Districts	ODM Map 2205	1:253 440
Robertson, J.A.	1976	Mineral Potential Map of Ontario, East Central Sheet	ODM Map P.1099	1:1 013 760
Robertson, J.A.	1982	Uranium and Thorium Deposits of Ontario, East Central Sheet, NTS 31/NW, 32/W, 41/N, 42	OGS Map P.2426	1:1 013 760
Springer, J.	1977	Ontario Mineral Potential, Timmins Sheet and Part of Noranda-Rouyn Sheet, Districts of Sudbury, Timiskaming and Cochrane	OGS Map P.1517	1:250 000
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Dighem Surveys and Processing Inc.	1986	"Enhanced Shadow" Magnetics, Black River-Matheson Area (BRIM) based on Airborne Electromagnetic and Total Intensity Magnetic Survey, Matheson-Black River Area, by Questor Surveys Ltd. for the OGS. (1984)	MNDM Resident Geologist's Office, Kirkland Lake, Ontario	1:100 000

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GSC	1970	Porquis Junction, Cochrane District, Aeromagnetic Series	GSC Map 8439G	1:31 680
GSC	1970	Porquis Junction, Cochrane District, Aeromagnetic Series	GSC Map 8444G	1:31 680
ODMNA	1974	Aeromagnetic Index of Ontario	ODMNA Map 2229	1:1 900 800
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OGS-GSC	1979	Airborne Gamma-Ray Spectrometric Total Count, Timmins, NTS 42A	OGS Map 80 280 GSC Map 35142G	1:250 000
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OGS-GSC	1979	Airborne Gamma-Ray Spectrometric Uranium (eU), Timmins, NTS 42A	OGS Map 80 282 GSC Map 35142G	1:250 000
OGS-GSC	1979	Airborne Gamma-Ray Spectrometric Thorium (eTh), Timmins, NTS 42A	OGS Map 80 283 GSC Map 35142G	1:250 000
OGS-GSC	1979	Airborne Gamma-Ray Spectrometric eU/Th Ratio, Timmins, NTS 42A	OGS Map 80 284 GSC Map 35142G	1:250 000
OGS-GSC	1979	Airborne Gamma-Ray Spectrometric eU/K Ratio, Timmins, NTS 42A	OGS Map 80 285 GSC Map 35142G	1:250 000

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
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OGS-GSC	1979	Airborne Gamma-Ray Spectrometric Profiles of Integral U, Th, K, U/Th, U/K, Th/K, for line 53 (2), Timmins, NTS 42A	OGS Map 80 308 GSC Map 35142G	1:250 000
OGS-GSC	1979	Airborne Gamma-Ray Spectrometric Profiles of Integral U, Th, K, U/Th, U/K, Th/K, for line 54 (1), Timmins, NTS 42A	OGS Map 80 309 GSC Map 35142G	1:250 000
OGS-GSC	1979	Airborne Gamma-Ray Spectrometric Profiles of Integral U, Th, K, U/Th, U/K, Th/K, for line 55 (2), Timmins, NTS 42A	OGS Map 80 310 GSC Map 35142G	1:250 000
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GDIF FORM NO.8

TEEFY TOWNSHIP

CLERGUE TOWNSHIP

WILKIE TOWNSHIP

Ontario

Ministry of Northern Development and Mines

ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 368

(Map 1 of 2)

WALKER TOWNSHIP

DISTRICT OF COCHRANE

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

EXPLORATION DATA FILE AREAS

River

Abitibi

Black

River

Driftwood

River

Shallow

Monteith

ONTARIO NORTHLAND

PIPELINE

577

48°42'00"

80°39'30"

48°38'00"

80°34'00"

16 X

1 2 3 8 10 11 12 14 15 17 18 19 20

ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 368

(Map 1 of 2)

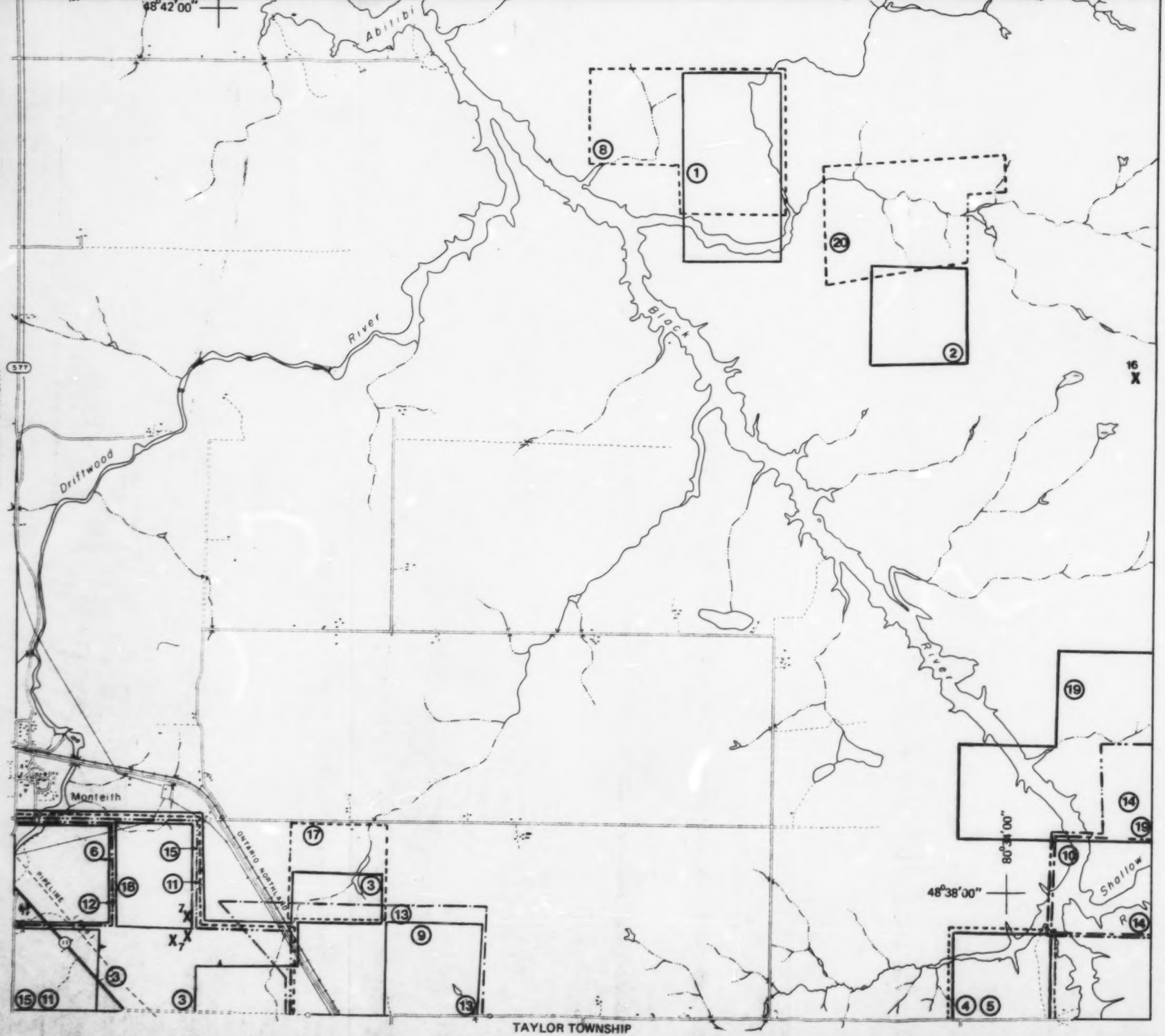
WALKER TOWNSHIP

DISTRICT OF COCHRANE

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile



EXPLORATION DATA FILE AREAS

Reference number is always inside work area outlined. See listing in text pages.

Small area exploration.

TYPES OF DATA SHOWN ON THIS MAP

GEOCHEMICAL AND GEOCHRONOLOGICAL DATA

- Geochemical sample site, with reference number
- Area of geochemical sampling, with reference number
- Age dating material sampling site, with reference number

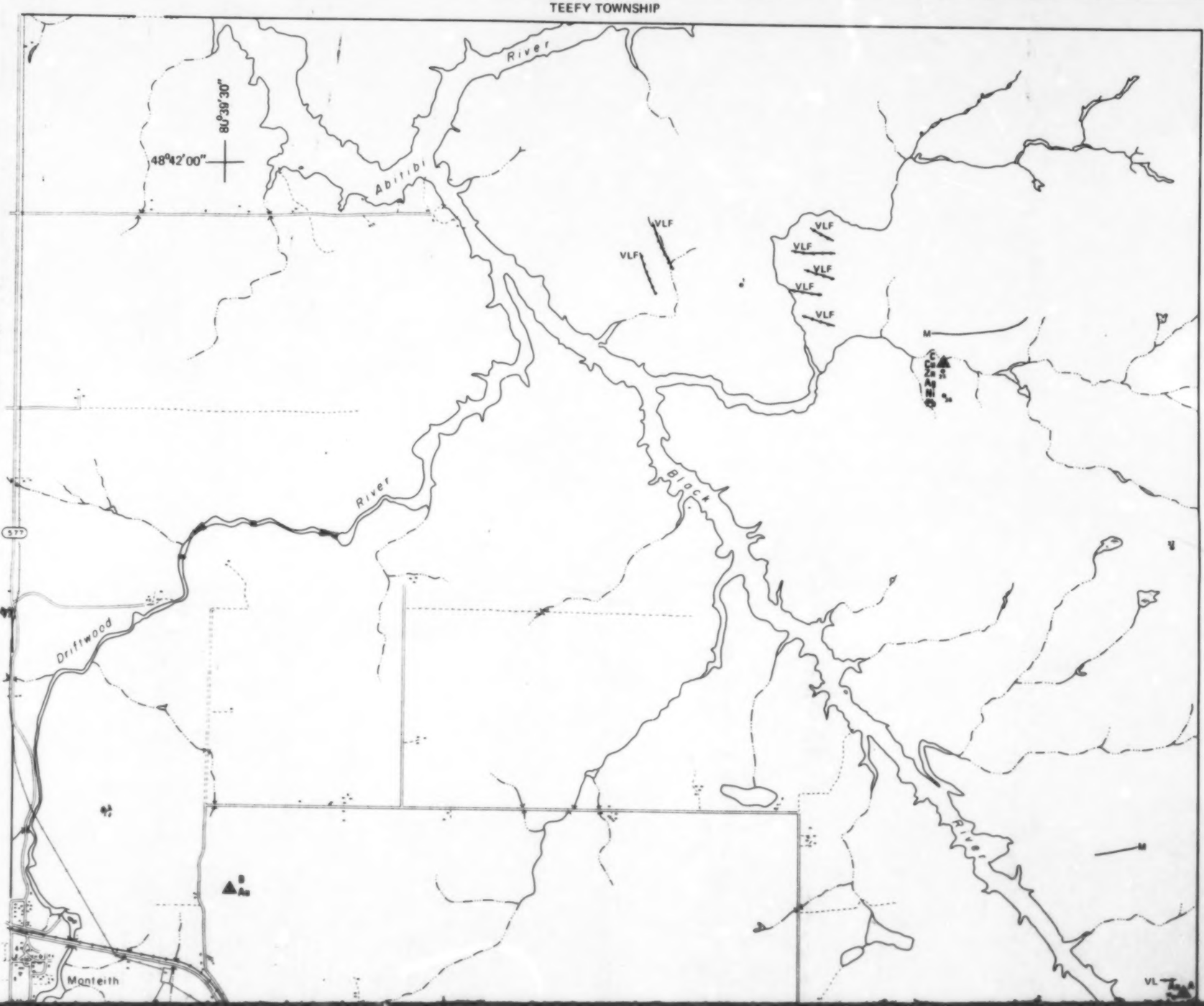
GEOPHYSICAL ANOMALIES

- AM — Airborne magnetic anomaly
- Airborne electromagnetic anomaly Length of anomaly along flight line
- Airborne electromagnetic anomaly Location of anomaly along flight line
- Airborne electromagnetic anomaly Conductor axis: definite, probable, possible
- ARA — Airborne radiometric anomaly
- M — Ground magnetic anomaly
- VL — Ground electromagnetic anomaly (VL - Vertical loop; HL - Horizontal loop; VLF - Very low freq; Turam; JEM - Crone Em - 16)
- RA — Ground radiometric anomaly
- IP — Induced polarization anomaly
- SP — Self potential anomaly
- AFMAG — Audio-frequency magnetic anomaly (total intensity)
- R — Resistivity anomaly
- GR — Gravity anomaly

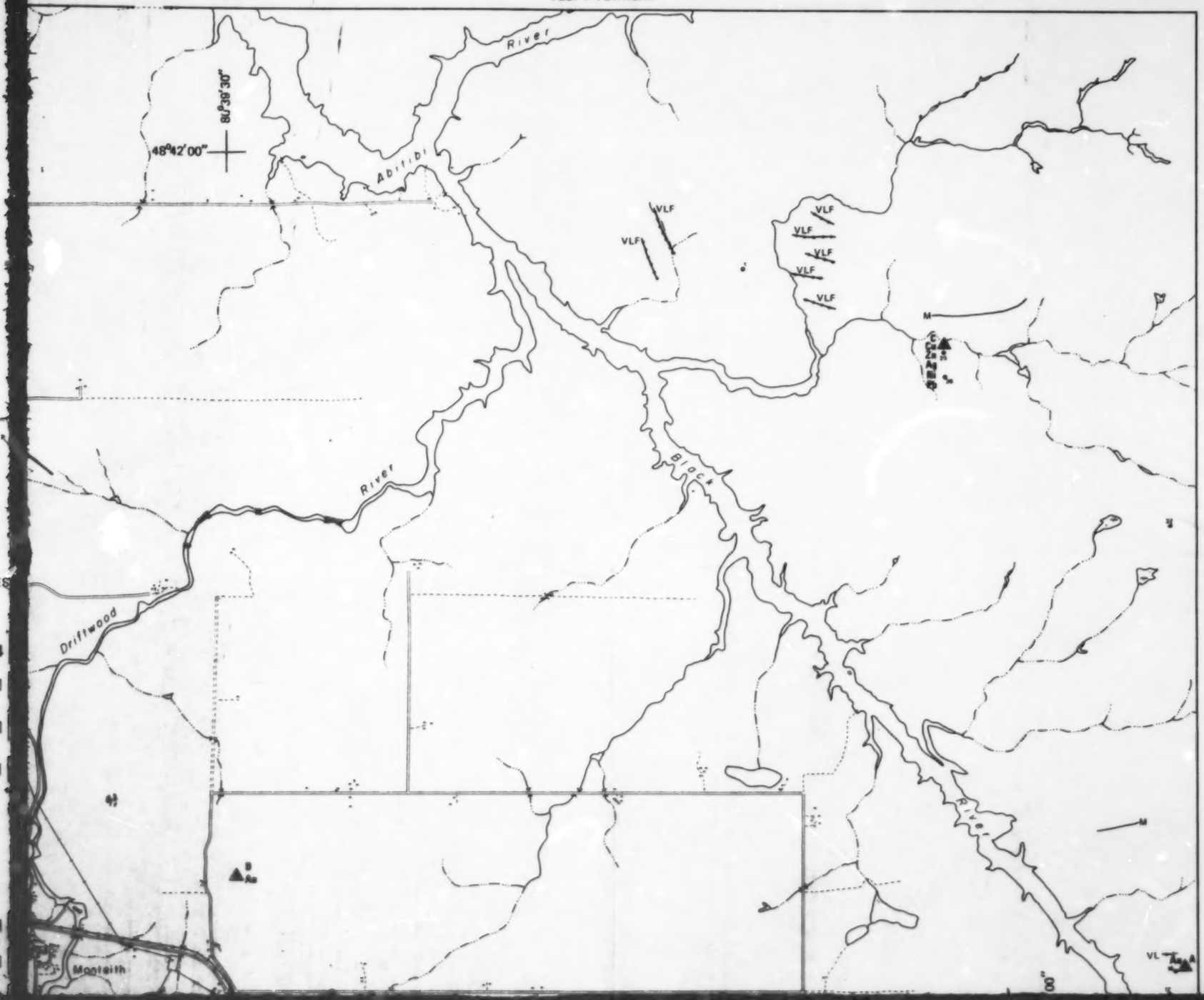
MISCELLANEOUS DATA

- Trenching, pit
- Rock quarry

TEEFY TOWNSHIP



TEEFY TOWNSHIP



WILKIE TOWNSHIP

Ministry of Northern Development and Mines

Ontario

ONTARIO GEOLOGICAL SURVEY

EXPLORATION DATA MAP

GEOLOGICAL DATA INVENTORY FOLIO 368

(Map 2 of 2)

WALKER TOWNSHIP

DISTRICT OF COCHRANE

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP

MINERAL OCCURRENCES

- Mineral occurrence at surface, with reference letter
- Mineral occurrence with shaft, depth given with reference letter
- Mineral occurrence reported but exact location uncertain, with reference letter
- Mineralized float with reference letter

DRILLHOLE

- Location of single drillhole, with reference number
- Location of closely spaced group of drillholes, with reference number
- Drillhole, exact location uncertain, with reference number

Area of geochemical sampling, with reference number

Age dating material sampling site, with reference number

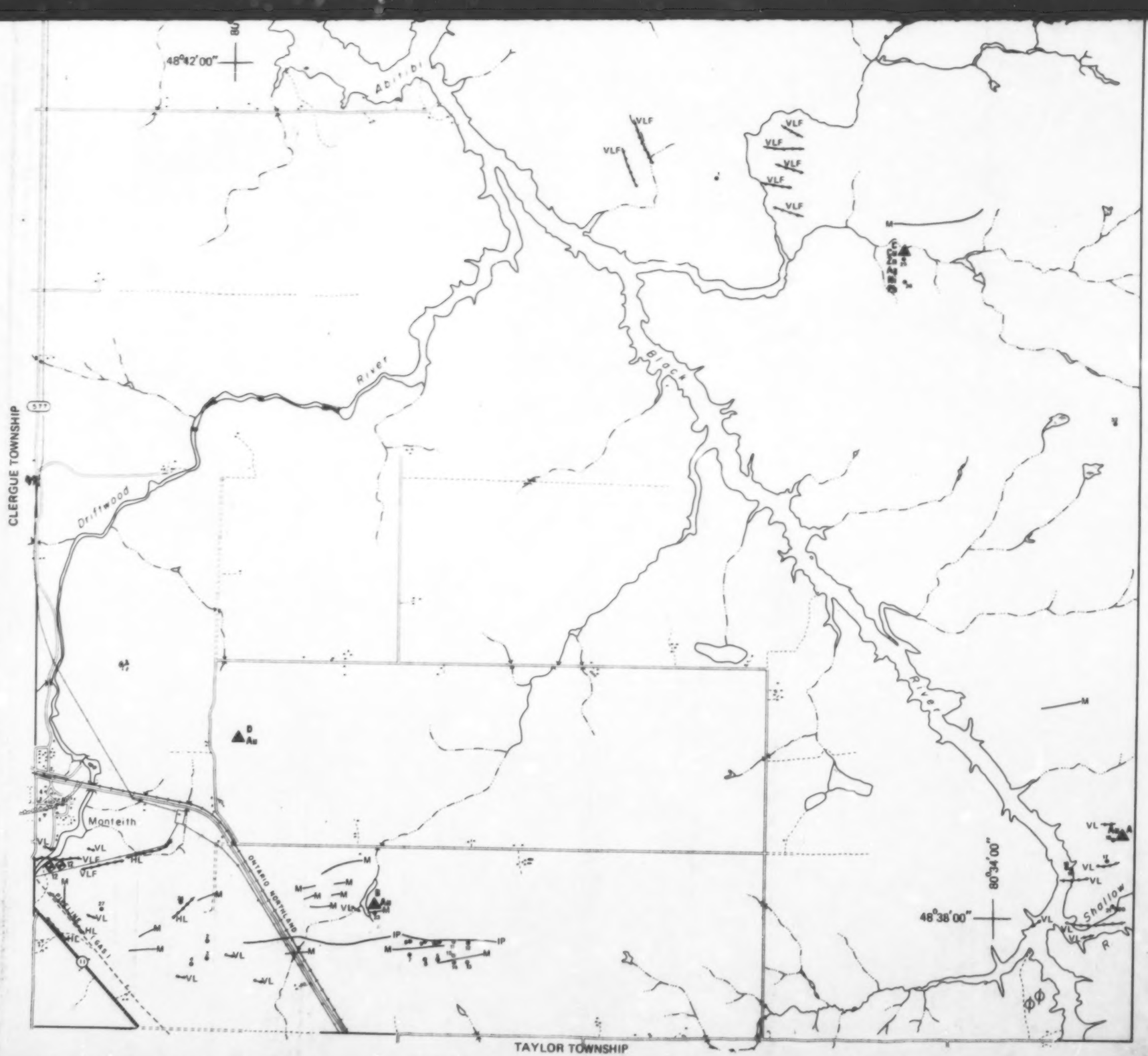
GEOPHYSICAL ANOMALIES

- Airborne magnetic anomaly
- Airborne electromagnetic anomaly
  Length of anomaly along flight line
- Airborne electromagnetic anomaly
  Location of anomaly along flight line
- Airborne electromagnetic anomaly
  Conductor axis: definite, probable, possible
- Airborne radiometric anomaly
- Ground magnetic anomaly
- Ground electromagnetic anomaly
  (VL - Vertical loop; HL - Horizontal loop;
  VLF - Very low freq; Turam; JEM -
  Crone Em - 16)
- Ground radiometric anomaly
- Induced polarization anomaly
- Self potential anomaly
- Audio-frequency magnetic anomaly
  (total intensity)
- Resistivity anomaly
- Gravity anomaly

MISCELLANEOUS DATA

- Trenching, pit
- Adit
- Open pit
- Rock quarry
- Sand and/or gravel pit

NOTE: Consult the text that accompanies this map for pertinent lists of data, references, and abbreviations.


48°42'00"
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BLOCK
River
CLERGUE TOWNSHIP
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Driftwood
Monteith
VL
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HL
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ONTARIO NORTHLAND
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ONTARIO GEOLOGICAL SURVEY

EXPLORATION DATA MAP

GEOLOGICAL DATA INVENTORY FOLIO 388

(Map 2 of 2)

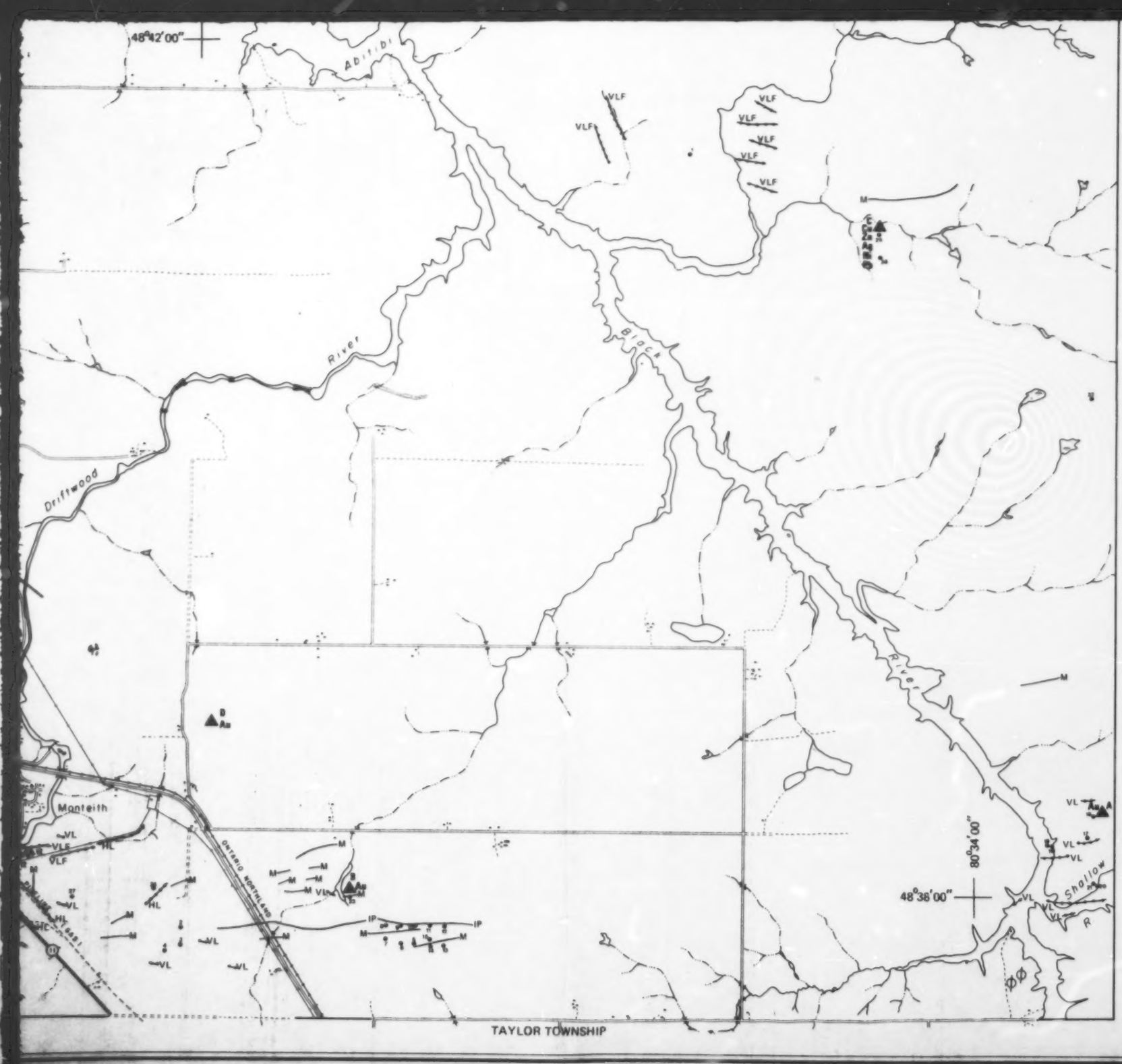
WALKER TOWNSHIP

DISTRICT OF COCHRANE

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile



GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP

MINERAL OCCURRENCES

- Mineral occurrence at surface, with reference letter
- Mineral occurrence with shaft, depth given with reference letter
- Mineral occurrence reported but exact location uncertain, with reference letter
- Mineralized float with reference letter

DRILLHOLE

- Location of single drillhole, with reference number
- Location of closely spaced group of drillholes, with reference number
- Drillhole, exact location uncertain, with reference number
- Property with underground drillholes in this general area, with reference number
- Property with drillholes which have not been plotted on map, with reference number
- Reverse circulation drillhole; churn drilling, with reference number